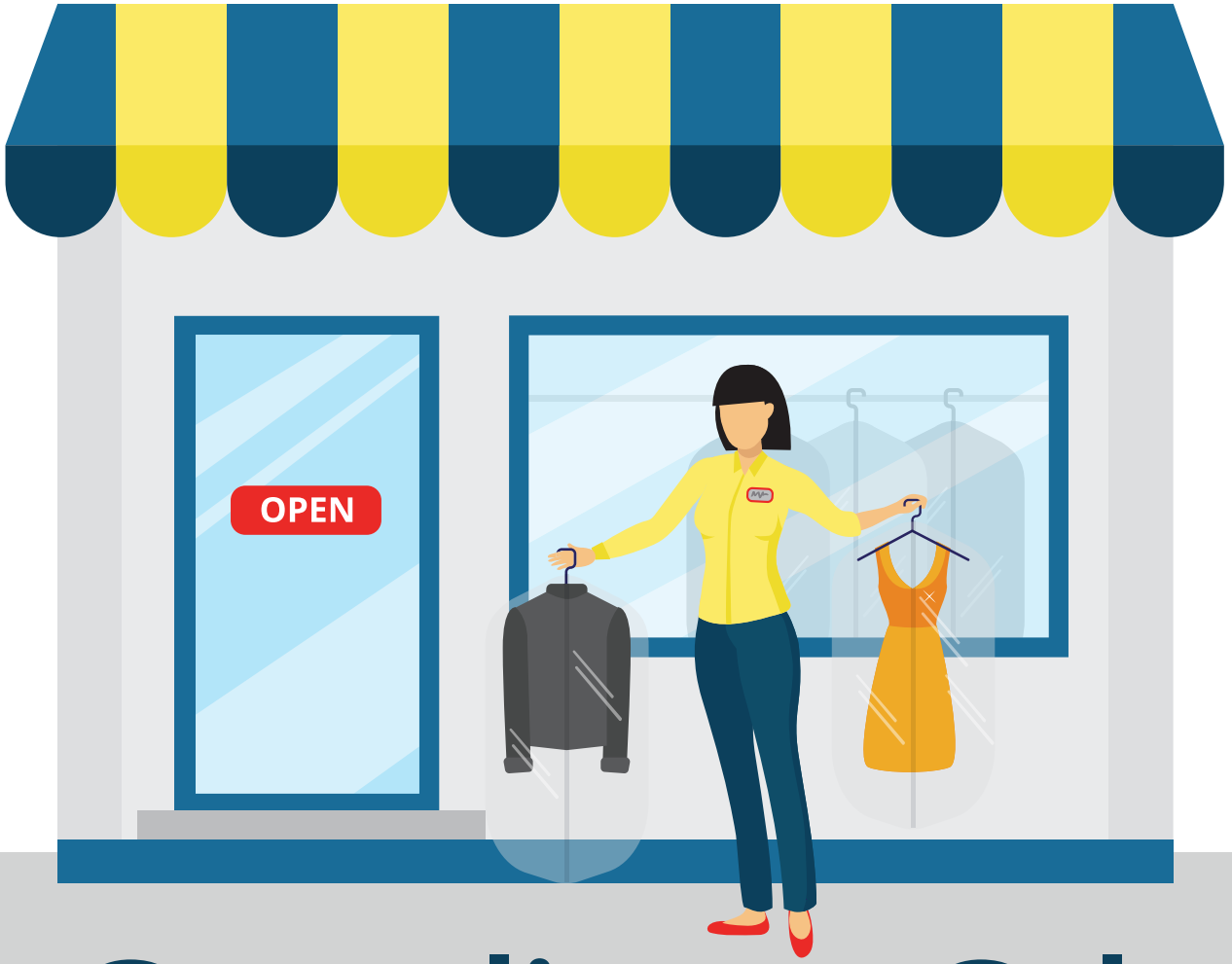

2022 Compliance Calendar

For Perchloroethylene Dry Cleaners

Facility Name	
KDHE Registration Number	
Hazardous Waste Generator Category	
EPA ID (if any)	
Date of machine installation	

KANSAS SBEAP Small Business Environmental Assistance Program

Kansas Small Business Environmental Assistance Program

For confidential technical assistance, call 800-578-8898 or email sbeap@ksu.edu

www.sbeap.org

Paid for in part by the Kansas Department of Health and Environment

Kansas Department of Health and Environment
Contact Information

BUREAU OF ENVIRONMENTAL REMEDIATION

Austin Clapp, Unit Manager: Kansas Dry-Cleaning Program
Kansas Department of Health and Environment
1000 SW Jackson, Suite 410
Topeka, KS 66612

Phone: 785-296-5531
Fax: 785-559-4261
Email: Austin.Clapp@ks.gov
www.kdhe.ks.gov/285/Kansas-Dry-Cleaning-Program

Dry cleaners must register annually with this bureau, which administers the Kansas Drycleaner Environmental Response Act (DERA). It is a regulatory program focused on preventing spills from being released off site. It offers financial assistance for assessment and remediation activities at dry-cleaning facilities where spills (releases) have occurred.

BUREAU OF AIR

Connie Ellis, Air Compliance & Enforcement, Asbestos, Residential Lead Hazard Chief Environmental Program Admin Supervisor
Kansas Department of Health and Environment
1000 SW Jackson, Suite 310
Topeka, KS 66612

Phone: 785-296-1556
Email: Connie.Ellis@ks.gov
www.kdhe.ks.gov/243/Compliance-Enforcement

This KDHE bureau regulates perchloroethylene air emissions. It ensures dry cleaners minimize air leaks and contaminants in order to meet KDHE (state) and EPA (federal) regulatory requirements.

BUREAU OF WASTE MANAGEMENT

Julie Coleman, Director, Waste Management
Kansas Department of Health and Environment
1000 SW Jackson, Suite 320
Topeka, KS 66612

Phone: 785-296-1612
Email: Julie.Coleman@ks.gov
www.kdhe.ks.gov/168/Waste

This bureau regulates storage and disposal of solid and hazardous waste in accordance with KDHE (state) and EPA (federal) regulations.

SMALL BUSINESS/POLLUTION PREVENTION

Melissa A. Hammond, Public Service Executive
Division of Environment
Kansas Department of Health and Environment
1000 SW Jackson, Suite 430
Topeka, KS 66612

Phone: 785-296-1526
Email: melissa.a.hammond@ks.gov
www.kdhe.ks.gov/894/Small-Business-Pollution-Prevention

This KDHE division along with K-State's PPI provides free and confidential help to state's small businesses. These services are provided to assist Kansas business in complying (and going beyond compliance) with environmental regulations, including answers to questions, on-site assessments, pollution prevention technologies, workshops, and publications. Contact this group with general questions about your permit, whom to best answer your questions or pollution prevention technologies.

PLEASE READ **다음을 읽어 주십시오** **请仔细阅读** **XIN VUI LÒNG ĐỌC** **कृपया पढ़ें**

IMPORTANT: As a dry cleaner owner or operator in Kansas, you must follow certain environmental regulations. This calendar will help you understand what you must do and record information that is required by law. Check that you have the correct calendar for each machine. Calendars must be kept on file for at least **five** years. If you have a question, please contact the Kansas Small Business Environmental Assistance Program at 800-578-8898 or ***sbeap@ksu.edu***. This is a free and confidential program. If you would like, someone from this program will come to your shop and teach you what you must do. If you have difficulty with the English language, please find someone who can help you read this calendar.

중요: 캔사스주의 드라이 클리너 소유주 또는 영업자이신 귀하는 특정 환경 규정을 반드시 준수해야 합니다. 이 달력은 귀하가 반드시 해야 하는 사항과 법에서 요구하는 정보를 기록하도록 도와드립니다. 각 기계 당 정확한 달력이 있는 지 확인하십시오. 달력은 최소 **5**년간 보관해야 합니다. 질문이 있으시면 캔사스 소기업 환경지원 프로그램 800-578-8898 또는 *sbeap@ksu.edu* 로 연락 주십시오. 이 프로그램은 무료이며 비밀을 보장합니다. 원하실 경우, 이 프로그램 담당자가 귀하의 영업장소를 방문하여 귀하가 해야 할 일을 안내합니다. 영어 사용에 어려움이 있으시면, 이 달력을 읽을 수 있도록 도와줄 사람을 찾으십시오.

重要提示:
肯萨斯州干洗店的店主或员工，必须遵守相应的环保条例。本记录能帮您了解您要履行的义务，以及按照法律规定登记信息。请核实每台干洗机都有准确无误的记录。所有记录必须有至少五年的存档备案。如有疑问，请联系肯萨斯州小企业环境援助计划，电话800-578-8898，邮箱地址*sbeap@ksu.edu*。本项目提供无偿服务，对客户保密。如需帮助，本项目工作人员会前往贵处协助相关事宜。如有英语语言沟通困难，请他人代为阅读。

QUAN TRỌNG: Là chủ nhân hoặc người điều hành một tiệm giặt khô ở Kansas, quý vị phải tuân thủ một số quy định về môi trường. Lịch này sẽ giúp quý vị hiểu những gì quý vị phải làm và ghi lại thông tin mà luật pháp yêu cầu. Hãy kiểm tra rằng quý vị có đúng lịch cho mỗi máy. Các lịch phải được giữ trong hồ sơ ít nhất **năm** năm. Nếu quý vị có câu hỏi, xin vui lòng liên hệ Chương trình Hỗ trợ Môi trường Doanh nghiệp Nhỏ của Kansas theo số 800-578-8898 hoặc *sbeap@ksu.edu*. Đây là một chương trình miễn phí và bảo mật. Nếu quý vị muốn, một người từ chương trình này sẽ đến tiệm của quý vị và chỉ dẫn cho quý vị những gì quý vị phải làm. Nếu quý vị bị khó khăn với tiếng Anh, xin vui lòng tìm một ai đó có thể giúp quý vị đọc lịch này.

महत्वपूर्ण: केन्सास में एक ड्राई क्लीनर मालिक या ऑपरेटर के रूप में, आपको कुछ पर्यावरण नियमों का पालन करना चाहिए| यह कैलेंडर, आपको क्या करना चाहिये उसे समझनें और उस जानकारी को रिकार्ड करनें में मदद करेगा जो कि कानून द्वारा अपेक्षित है| जाँच करें कि आपके पास प्रत्येक मशीन के लिए सही कैलेंडर है| कैलेंडर कम से कम **पांच** साल के लिए फ़ाइल पर रखा जाना चाहिए| यदि आप कोई सवाल पूछना चाहते है, कृपया केन्सास लघु व्यापार पर्यावरण सहायता कार्यक्रम को 800-578-8898 या *sbeap@ksu.edu*. पर संपर्क करें| यह एक स्वतंत्र और गोपनीय कार्यक्रम है| यदि आप चाहते हैं, तो इस कार्यक्रम से कोई आपकी दुकान पर आ जाएगा और सिखा देगा कि आपको क्या करना चाहिए| यदि आपको अंग्रेजी भाषा के साथ कठिनाई होती है, तो कृपया किसी को खोजें जो इस कैलेंडर को पढ़ने में आपकी मदद कर सके|

Instructions for Use

GENERAL

Kansas dry cleaners are regulated under three different environmental compliance programs — the Kansas Drycleaner Environmental Response Act (DERA), hazardous air pollutants (NESHAP) and hazardous waste. This calendar is designed to help keep records required by all three programs. NESHAP and DERA records must be kept at your facility for a minimum of five years and the hazardous waste records for three years, so we recommend keeping all records for five years. Use a separate calendar for each perchloroethylene (perc) machine. A different compliance calendar exists for non-perc users.

DERA AND HAZARDOUS WASTE INSPECTIONS

All dry cleaners must register annually in January with the KDHE Bureau of Environmental Remediation. Secondary containment structures must be made of steel, epoxy or polyethylene and be large enough to accommodate a worst-case spill. Conduct weekly inspections of the secondary containment, and each storage container and storage area. Sign the inspection logs provided in the calendar for each month. Make a note on the corrective action forms of any problems found, what was done to correct each problem, the date each problem was corrected and who corrected it. Use the envelope at the back of the calendar to store hazardous waste and perc purchase receipts. Follow the pollution prevention guidelines listed at the back of the calendar. A users' guide is available at ***www.kdhe.ks.gov/DocumentCenter/View/12062/Perchloroethylene-Facility-Guide-PDF.***

SEPARATOR WATER AND EVAPORATION SYSTEMS

Separator water (and/or dry-cleaning wastewater) cannot be drained in the sanitary sewer. In Kansas, evaporating separator water in a heated evaporation unit, or a non-thermal unit that utilizes air atomization or misting at your facility is allowed, provided the separator water contains no free-phase (dissolved or suspended) dry-cleaning solvent. Do not store separator water (and/or dry-cleaning wastewater) at a facility for more than 60 days.

HAZARDOUS WASTE

Perc dry cleaners must document their hazardous waste determination for each waste stream — use the form found at the back of this calendar or the Kansas Waste Determination mobile app.Label hazardous waste containers with the words "Hazardous waste " and date appropriately if hazardous waste is accumulated for more than 72 hours at a facility.

If separator water contains free-phase (dissolved or suspended) perc, it must be managed as a hazardous waste. If it does not, then it can be evaporated in a heated evaporation unit or air-atomized mister.

Have hazardous waste hauled by a licensed hazardous waste transporter and maintain copies of the manifests in the envelope at the back of this calendar.

CORRECTIVE ACTION FORMS

Fill out corrective action forms at the back of this calendar if there was any repair on your machine. If more forms are needed, make copies of the blank form, print it from the online calendar or contact SBEAP. These forms can be maintained in the envelope at the back of the calendar.

EMERGENCY CONTACT FORM

Post emergency numbers by the telephone (see envelope in the back of calendar for this form) as required for hazardous waste generators.

FOR MORE INFORMATION

For technical assistance and more dry-cleaner information contact SBEAP at 800-578-8898 or ***sbeap@ksu.edu***. Several publications and useful tools are available on the dry-cleaner industry resource page at ***https://www.sbeap.org/dry-cleaners.***

New registrations, registration renewals and facility closures can be submitted through the ***Kansas Environmental Information Management System (KEIMS)*** at ***www.kdhe.ks.gov/1520/Kansas-Environmental-Information-Managem***.

Kansas dry-cleaner facility closure confirmation form can be found at ***www.kdhe.ks.gov/DocumentCenter/View/12060/Kansas-Dry-Cleaning-Facility-Closure-Confirmation-PDF.***

Both SBEAP and KDHE Dry-Cleaning Program websites have electronic copies of compliance calendars and The Kansas Dry Cleaners Manual, a manual that assists with understanding environmental requirements for Kansas dry cleaners.

The KDHE Hazardous Waste Generator Handbook, as well as other helpful hazardous waste forms and technical guidance documents, are available on KDHE's website at ***www.kdhe.ks.gov/DocumentCenter/View/4882/Hazardous-Waste-Generator-Handbook-PDF.***

Instructions for Use

Kansas air quality requirements for perchloroethylene dry cleaning facilities

REQUIREMENT SUMMARY	SMALL AREA SOURCE	LARGE AREA SOURCE	MAJOR SOURCES (NONE IN KANSAS AS OF 2019)
Dry-to-dry facilities	Purchase less than 140 gallons perc/year	Purchase 140-2,100 gallons perc/year	Purchase more than 2,100 gallons perc/year
Process vent control			
Constructed or reconstructed before Dec.9, 1991	Dry-to-dry machine	Dry-to-dry machines with refrigerated condenser;** carbon adsorber installed before Sept. 22, 1993, can remain; it does not have to be replaced by a refrigerated condenser.	
On or after Dec.9, 1991, but before Dec. 21, 2005	Dry-to-dry machine with refrigerated condenser		Dry-to dry machine, refrigerated condenser** followed by carbon adsorber** operated immediately before or as the door is opened
On or after Dec. 21, 2005	Dry-to-dry machine with refrigerated condenser** followed by carbon adsorber** operated immediately before the door is opened		
On or after Dec. 21, 2022	In addition to the requirements above, perc dry-cleaning systems are not allowed to be located in a building with a residence.		
Fugitive control			
	Sealed containers; leak detection/repair		
Monitoring			
	Refrigerated condenser: Take and record weekly readings of either temperature or pressure readings. If measuring temperature, take readings of the outlet temperature before the end of the cool-down or drying cycle while the gas-vapor stream is flowing through the condenser. Take pressure readings during the drying phase to confirm the value is within manufacturers' operating instructions. Carbon adsorber: If required, measure the concentration of perc in the carbon adsorber weekly using a colorimetric detector tube or a perc gas analyzer. Measurement should be taken at the end of the last dry cycle.		
Inspections			
	While machine is operating, inspect weekly for perceptible leaks (those that can be seen, felt or smelled). Inspect for vapor leaks monthly using a halogenated hydrocarbon detector or a perc gas analyzer. Repair leaks and maintain records.		Inspect weekly for perceptible leaks. Inspect for vapor leaks on a monthly basis using a perc gas analyzer and operated according to EPA Method 21. Repair leaks and maintain records.
Reporting			
	Submit a notification of compliance status form within 30 days of startup. This notification is required when a new machine is installed at an existing site. Contact SBEAP for form.		

10 Tips for Using Your Perc Detector

(Halogenated hydrocarbon detector or perchloroethylene gas analyzer)

1. Don't forget to inspect for leaks with the perc detector once a month. If a vapor leak is detected, you are required to document the leak and repair it within 24 hours, unless parts must be ordered. If parts must be ordered, you must repair vapor leaks within five days of receiving the part(s).

2. Figure out how it should be calibrated. Work with your supplier to be certain of this! Most require fresh air prior to testing for leaks. It is recommended you calibrate the leak detector outside of your shop. If you turn it on near a leak, it may calibrate incorrectly. For example, if there is a leak of 100 parts per million (ppm) and you turn the detector on near that leak, it will reset its "zero-point" to 100 ppm and will not detect leaks any smaller than that.

Example perc leak detector

3. Operate your detector according to the manufacturer's instructions. Don't hesitate to call your vendor if you have questions.

4. Check for leaks when they are most likely to occur. Check for leaks during the drying cycle since the dry-cleaning machine is operating under pressure. Check for leaks around the distillation unit while it is running. You probably won't find leaks during the wash cycle, since perc liquid is being agitated in the drum and the condenser isn't running.

5. Place the tip of the detector at the surface (within one to two inches) of the area being checked. Move it slowly back and forth before moving to the next area.

6. Inspect all of the following components:

- *a. Hose and pipe connections, fittings, couplings and valves*
- *b. Door gaskets and seating*
- *c. Filter gaskets and seating*
- *d. Pumps*
- *e. Solvent tanks and containers*
- *f. Water separators*
- *g. Muck cookers*
- *h. Stills*
- *i. Exhaust dampers*
- *j. Diverter valves*

7. If the detector beeps rapidly, you may have a leak. Go back to the area where you first detected the beeps. You want to find the exact spot where the detector reliably beeps, so you know the precise part or location to repair.

8. If the instrument detects a perc vapor leak or is set off, make sure to air it out before continuing the inspection. Otherwise, you may have mixed or incorrect results.

9. The detector must be able to detect vapor concentrations of 25 ppm by volume. It must also either emit an audible or visual signal that varies as the concentration level changes.

10. Keep the perc detector away from refrigeration systems. Otherwise, a refrigerant leak may cause your detector to be set off.

Calculating your 12-month running total

Step 1: Fill out last year's perc purchase information. Record this information from last year's calendar (2021). Refer to this page instead of looking at your old calendar each month.

12-month total from December 2021: _____ gal

Jan. 2021 perc purchases: _____ gal	May 2021 perc purchases: _____ gal	Sept. 2021 perc purchases: _____ gal
Feb. 2021 perc purchases: _____ gal	June 2021 perc purchases: _____ gal	Oct. 2021 perc purchases: _____ gal
Mar. 2021 perc purchases: _____ gal	July 2021 perc purchases: _____ gal	Nov. 2021 perc purchases: _____ gal
Apr. 2021 perc purchases: _____ gal	Aug. 2021 perc purchases: _____ gal	Dec. 2021 perc purchases: _____gal

It is the total amount of perc you purchased in the previous 12 months

Step 2: Take a look at this example for May 2022.

May 2022 Example:

12-month total from last month (Apr. 2022) =	80	Assume the facility purchased 80 gallons of perc from May 2021 through April 2022 (12-month running total).
Subtract perc purchased in May 2021 =	20	Assume the facility bought 20 gallons in May 2021. The May 2021 data has to be subtracted from the 12-month total in order to add the May 2022 data.
Subtotal =	60	Once May 2021 data is subtracted, the 11-months worth of purchase is 60 gallons. May 2022 has to be added to get the total back up to 12-months worth of purchase.
This month's (May 2022) perc purchases		
Date: 5/14	Gallons: 5	
Date: 5/29	Gallons: 5	Assume the facility bought five gallons of perc on May 14 and another five gallons on May 29, 2022. That's 10 gallons total.
May 2022 perc total =	10	
Current 12-month running total (Subtotal + May 2022 total) =	70	The total purchase made in May 2022 is added to the subtotal (11 month) to get the new 12-month (June 2021–May 2022) running total.

Step 3: Fill out your calendar.
Refer to this page instead of looking at your old calendar each month.

Determine each month's 12-month running total as the year continues. **Make sure to keep all receipts on site for five years.**
Continue to refer back to this page for last year's perc purchases. For further assistance, call SBEAP at 800-578-8898.

JANUARY

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Dec. '21)		=	
Subtract perc purchased Jan. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
January 2022 perc total		=	
Current 12-month running total *(Subtotal + January 2022 total)*		=	

**Keep receipts in envelope at back of calendar.*

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
1/5				Y / N		Y / N
1/12				Y / N		Y / N
1/19				Y / N		Y / N
1/26				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

*** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

Week 5 Inspected by _____

JANUARY 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Transfer information from last year's calendar to this year's calendar on page 5. Look in the machine's maintenance manual and record the manufacturer's specified range for pressure. Record here _____. The information will be needed to determine whether you are in compliance each month.						1 **New Year's Day**
2	3	4	5 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	6	7	8
9	10	11	12 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	13	14	15
16	17 **Martin Luther King Jr. Day**	18	19 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	20	21	22
23 30	24 **REGISTRATION DUE TO KDHE** 31	25	26 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	27	28	29

MONTHLY **TIP**

Transfer information from last year's calendar to this year's calendar on page 5.

KANSAS SBEAP Small Business Environmental Assistance Program

Kansas Small Business Environmental Assistance Program

1-800-578-8898 • www.sbeap.org

FEBRUARY

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Jan. '22)		=	
Subtract perc purchased Feb. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
February 2022 perc total		=	
Current 12-month running total *(Subtotal + February 2022 total)*		=	

**Keep receipts in envelope at back of calendar.*

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
2/2				Y / N		Y / N
2/9				Y / N		Y / N
2/16				Y / N		Y / N
2/23				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

*** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

FEBRUARY 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1	2 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	3	4	5
6	7	8	9 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	10	11	12
13	14 Valentine's Day	15	16 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	17	18	19
20	21 Presidents' Day	22	23 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	24	25	26
27	28	1	2	3	4	5

MONTHLY TIP

An envelope attached to the end of the calendar is handy for keeping receipts of solvent purchases and repair costs.

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MARCH

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Feb. '22)		=	
Subtract perc purchased Mar. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
March 2022 perc total		=	
Current 12-month running total *(Subtotal + March 2022 total)*		=	

**Keep receipts in envelope at back of calendar.*

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
3/2				Y / N		Y / N
3/9				Y / N		Y / N
3/16				Y / N		Y / N
3/23				Y / N		Y / N
3/30				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

*** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

MARCH 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	1	2 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	3	4	5
6	7	8	9 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	10	11	12
13	14	15	16 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	17 St. Patrick's Day	18	19
20	21	22	23 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	24	25	26
27	28	29	30 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	31	1	2

MONTHLY TIP

The Kansas Dry-Cleaner Manual has environmental regulatory information presented in an easy-to-read format. For a new copy, call 800-578-8898 or visit https://www.sbeap.org/files/sbeap/publications/DryCleaner_Manual_2021.pdf

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APRIL

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Mar. '22)		=	
Subtract perc purchased Apr. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
April 2022 perc total		=	
Current 12-month running total *(Subtotal + April 2022 total)*		=	

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
4/6				Y / N		Y / N
4/13				Y / N		Y / N
4/20				Y / N		Y / N
4/27				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

Week 5 Inspected by _____

APRIL 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	31	1	2
3	4	5	6 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	7	8	9
10	11	12	13 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	14	15 Tax Day	16
17 Easter Sunday	18	19	20 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	21	22	23
24	25	26	27 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	28	29	30

MONTHLY TIP

You must determine your hazardous waste generator category to know how to dispose of your waste properly. Don't assume your waste can be trashed or poured down the drain! Call SBEAP for assistance.

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MAY

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Apr. '22)		=	
Subtract perc purchased May '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
May 2022 perc total		=	
Current 12-month running total *(Subtotal + May 2022 total)*		=	

**Keep receipts in envelope at back of calendar.*

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
5/4				Y / N		Y / N
5/11				Y / N		Y / N
5/18				Y / N		Y / N
5/25				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

*** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

MAY 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	5 Cinco de Mayo	6	7
8 Mother's Day	9	10	11 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	12	13	14
15	16	17	18 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	19	20	21
22	23	24	25 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	26	27	28
29	30 Memorial Day	31	1	2	3	4

MONTHLY **TIP**

A dike or other secondary containment structure around waste storage areas and dry-cleaning machines will help protect water quality should a leak or spill occur. Fill in the Emergency Response page (back of the calendar) and post where employees or customers can see whom to call.

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JUNE

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (May '22)		=	
Subtract perc purchased June '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
June 2022 perc total		=	
Current 12-month running total *(Subtotal + June 2022 total)*		=	

**Keep receipts in envelope at back of calendar.*

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
6/1				Y / N		Y / N
6/8				Y / N		Y / N
6/15				Y / N		Y / N
6/22				Y / N		Y / N
6/29				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

*** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

JUNE 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	1 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	2	3	4
5	6	7	8 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	9	10	11
12	13	14	15 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	16	17	18
19 **Juneteenth** **Father's Day**	20	21	22 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	23	24	25
26	27	28	29 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	30	1	2

MONTHLY **TIP**

You are halfway through the year! Have you been keeping up with inspections? Solvent leaks or spills will be caught sooner with regular inspections. Use this calendar to record results of inspections.

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JULY

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (June '22)		=	
Subtract perc purchased July '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
July 2022 perc total		=	
Current 12-month running total *(Subtotal + July 2022 total)*		=	

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
7/6				Y / N		Y / N
7/13				Y / N		Y / N
7/20				Y / N		Y / N
7/27				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

Week 5 Inspected by _____

JULY 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	1	2
3	4 Independence Day	5	6 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	7	8	9
10	11	12	13 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	14	15	16
17	18	19	20 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	21	22	23
24 31	25	26	27 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	28	29	30

MONTHLY **TIP**

Have an emergency plan for dealing with solvent spills? Prevent leaks and spills from leaving the property by keeping a spill clean-up kit nearby and fill in the Emergency Response page (back of the calendar) and post where employees or customers can see whom to call.

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AUGUST

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (July '22)		=	
Subtract perc purchased Aug. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
August 2022 perc total		=	
Current 12-month running total *(Subtotal + August 2022 total)*		=	

**Keep receipts in envelope at back of calendar.*

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
8/3				Y / N		Y / N
8/10				Y / N		Y / N
8/17				Y / N		Y / N
8/24				Y / N		Y / N
8/31				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

*** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

AUGUST 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1	2	3 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	4	5	6
7	8	9	10 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	11	12	13
14	15	16	17 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	18	19	20
21	22	23	24 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	25	26	27
28	29	30	31 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	1	2	3

MONTHLY **TIP**

Label hazardous waste containers with "Hazardous Waste" and mark labels with the accumulation start date (the date you first put waste into the container).

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SEPTEMBER

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Aug. '22)		=	
Subtract perc purchased Sept. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
September 2022 perc total		=	
Current 12-month running total *(Subtotal + September 2022 total)*		=	

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
9/7				Y / N		Y / N
9/14				Y / N		Y / N
9/21				Y / N		Y / N
9/28				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

Week 5 Inspected by _____

SEPTEMBER 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3
4	5 Labor Day	6	7 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	8	9	10
11	12	13	14 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	15	16	17
18	19	20	21 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	22	23	24
25	26	27	28 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	29	30	1

MONTHLY **TIP**

Floor drains are not allowed in secondary containment structures. This requirement will help protect ground water quality.

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OCTOBER 2022

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Sept. '22)		=	
Subtract perc purchased Oct. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
October 2022 perc total		=	
Current 12-month running total *(Subtotal + October 2022 total)*		=	

**Keep receipts in envelope at back of calendar.*

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
10/5				Y / N		Y / N
10/12				Y / N		Y / N
10/19				Y / N		Y / N
10/26				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

*** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

OCTOBER 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	30	1
2	3	4	5 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	6	7	8
9	10 Columbus Day	11	12 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	13	14	15
16	17	18	19 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	20	21	22
23 30	24 Halloween 31	25	26 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	27	28	29

MONTHLY TIP

For a facility closing or not operating for 45 continuous days, remove dry-cleaning solvents and wastes and notify KDHE. For more details, see page 7 of the Kansas Dry-Cleaner Manual (https://www.sbeap.org/files/sbeap/publications/DryCleaner_Manual_2021.pdf).

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NOVEMBER

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Oct. '22)		=	
Subtract perc purchased Nov. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
November 2022 perc total		=	
Current 12-month running total *(Subtotal + November 2022 total)*		=	

**Keep receipts in envelope at back of calendar.*

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
11/2				Y / N		Y / N
11/9				Y / N		Y / N
11/16				Y / N		Y / N
11/23				Y / N		Y / N
11/30				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

*** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

NOVEMBER 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1	2 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	3	4	5
6	7	8	9 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	10	11 **Veteran's Day**	12
13	14	15	16 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	17	18	19
20	21	22	23 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	24 **Thanksgiving**	25	26
27	28	29	30 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	1	2	3

MONTHLY **TIP**

Do not discharge any dry-cleaning solvents or other waste into sanitary sewers, storm sewers, septic tanks, underground storage tanks, water bodies or soil!

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DECEMBER

PERC PURCHASE RUNNING TOTAL			
12-month total from last month (Nov. '22)		=	
Subtract perc purchased Dec. '21 (see pg. 5)		=	
Subtotal		=	
This month's perc purchases*			
Date	Gallons		
December 2022 perc total		=	
Current 12-month running total *(Subtotal + December 2022 total)*		=	

CARBON ABSORBER/CONDENSER MONITORING LOG

See "Instructions for Use" on Page 2

Date	Perc Concentration	During Drying Phase		Is pressure within manu-facturing range?	Outlet temp during cool down	Is temp less than or equal to 45°F (7.2°C)?
		High pressure reading (psi or bar)	Low pressure reading (psi or bar)			
12/7				Y / N		Y / N
12/14				Y / N		Y / N
12/21				Y / N		Y / N
12/28				Y / N		Y / N

WEEKLY INSPECTION				
DATE				
TIME				
HAZARDOUS WASTE				
Are containers in good condition?	Y / N	Y / N	Y / N	Y / N
Are waste containers made of appropriate material?	Y / N	Y / N	Y / N	Y / N
Are containers tightly closed?	Y / N	Y / N	Y / N	Y / N
Are individual containers clearly labeled as "Hazardous Waste" and the date waste was first put into the container?	Y / N	Y / N	Y / N	Y / N
CONTAINMENT AREA				
Is wastewater stored no longer than 60 days?	Y / N	Y / N	Y / N	Y / N
Is secondary containment around each machine in good condition?	Y / N	Y / N	Y / N	Y / N
Is hazardous waste secondary containment in good condition?	Y / N	Y / N	Y / N	Y / N
ARE THE FOLLOWING ITEMS LEAK-FREE?				
Method of inspection (S or D*)	S / D	S / D	S / D	S / D
Hose and pipe connections, fittings, couplings and valves	Y / N	Y / N	Y / N	Y / N
Door gasket and seal	Y / N	Y / N	Y / N	Y / N
Pump	Y / N	Y / N	Y / N	Y / N
Solvent tank and containers	Y / N	Y / N	Y / N	Y / N
Water separator	Y / N	Y / N	Y / N	Y / N
Muck cooker	Y / N	Y / N	Y / N	Y / N
Still	Y / N	Y / N	Y / N	Y / N
Exhaust damper	Y / N	Y / N	Y / N	Y / N
Diverter valve	Y / N	Y / N	Y / N	Y / N
Filter gasket and seal	Y / N	Y / N	Y / N	Y / N
Cartridge filter housing	Y / N	Y / N	Y / N	Y / N

** S= SIGHT, SMELL OR FEEL*
D= DETECTOR (REQUIRED AT LEAST ONCE EACH MONTH)

If "N" is answered above, fill out the corrective action form on the back of this calendar.

Week 1 Inspected by _____

Week 2 Inspected by _____

Week 3 Inspected by _____

Week 4 Inspected by _____

Week 5 Inspected by _____

DECEMBER 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	1	2	3
4	5	6	7 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	8	9	10
11	12	13	14 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	15	16	17
18	19	20	21 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	22	23	24 Christmas Eve
25 Christmas Day	26	27	28 WEEKLY INSPECTION ☐ CARBON ADSORBER/ CONDENSER LOG ☐	29	30	31 New Year's Eve

MONTHLY TIP

Annual registrations (due January 31) can be completed online. See page 5 of the Kansas Dry-Cleaner Manual for details.

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CORRECTIVE ACTION FORMS—KEEP THESE RECORDS FOR FIVE YEARS.

If a leak is discovered after inspecting hazardous waste storage containers and secondary containment structures, repair within five days. Record details of corrective action below:

Area of leak:

_____

_____

Date of initial inspection: _____

Inspector: _____

Date problem was corrected: _____

Describe problem and solution:

_____ _____

_____ _____

_____ _____

_____ _____

Use this form when corrective actions are necessary.

If a leak is discovered after inspecting hazardous waste storage containers and secondary containment structures, repair within five days. Record details of corrective action below:

Area of leak:

_____

_____

Date of initial inspection: _____

Inspector: _____

Date problem was corrected: _____

Describe problem and solution:

_____ _____

_____ _____

_____ _____

_____ _____

Use this form when corrective actions are necessary.

Pollution Prevention Guidelines

(Perc cleaners)

- Close machine doors immediately after transferring articles to or from the machines.
- Keep machine doors closed between transfers.
- Follow the manufacturer's instructions for operating and maintaining machines and equipment.
- Drain cartridge filters in a closed container for at least 24 hours before disposing.
- Store all perc and wastes in sealed containers that do not leak.
- Inspect all dry-cleaning equipment at least weekly for any leaks that are obvious by sight, smell or touch.
    - Leaks include instances where drops of perc are visible on the outside of a machine or where air can be felt coming from a machine. (Existing, small-area sources need to be inspected every other week.)
    - Dry-cleaning equipment includes hoses, pipes, fittings, couplings, valves, gaskets, seals, pumps, solvent tanks and containers, water separators, muck cookers, stills, diverter valves and cartridge filter housings.
- At least one weekly inspection each month must be done using a halogenated hydrocarbon detector or a perc gas analyzer.
- Repair any leaks within 24 hours or, if repair parts must be ordered, within five days of receiving the parts. Parts must be ordered within two working days of finding the leak.
- Keep copies of design specifications and operating manuals for each dry-cleaning machine.

Waste Determination Documentation Form

It is strongly recommended that the guidance in this TGD (HW-2011-G1) and HW-2011-G2, *Characteristic and Listed Hazardous Wastes*, be reviewed when making waste determinations.

Step 1

Facility Name: _____ EPA ID: _____

Waste Name: _____

Process Generating Waste: _____

Maximum pounds generated in a calendar month: _____

Waste description (Mark all that apply): Solid ☐ Liquid ☐ Gas ☐ Sludge ☐

Step 2 (check one and explain under *Description of knowledge used* in Step 4)

☐ Waste is generated in an industrial, construction, manufacturing, repair or similar setting and is subject to the hazardous waste determination requirements of 40 CFR 262.11. **(If checked, continue to Step 3)**

☐ Waste does not meet the definition of solid waste under 40 CFR 261.2 (*i.e., is not discarded, abandoned, recycled or inherently waste-like*).

☐ Waste is excluded under 40 CFR 261.4(a) from the definition of solid waste (*e.g., is regulated under the Clean Water Act or other edict, or variance*).

Step 3 (check one and explain under *Description of knowledge used* in Step 4)

☐ Waste is a nonhazardous waste ☐ Waste is a hazardous waste

☐ Waste is excluded under 40 CFR 261.4(b) from the definition of hazardous waste (wastes from specific sources, and/or meeting specific management practices)

Step 3a – If a hazardous waste (check all that apply)

☐ Waste is a F-, K-, P-, or U-listed hazardous waste. ☐ Waste is a characteristic hazardous waste.

Step 4 (check all that apply)

All applicable waste codes: _____

☐ Determination was made using analysis by KDHE-certified laboratory (as required by K.A.R. 28-31-262(c)(2)).

Laboratory Name: _____ Analytical Report Date: _____

☐ Determination was made using process knowledge.

Description of knowledge used: _____

_____

_____

☐ **Required:** All records used to make the determination (Safety Data Sheet (SDS), process description/flow diagrams, etc.) are attached or otherwise maintained on site.

Determination was made by:

_____ _____ _____

Name Title Date

KANSAS STATE UNIVERSITY
Pollution Prevention Institute
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